

Amendments to the Claims

This listing of claim will replace all prior versions and listings of claim in the application.

1) (presently amended) A system for forming a short distance wireless network, comprising:

(a) a first device ~~for~~ capable of generating a first short-range radio signal including message having a first identification symbol responsive to a user input; and,

(b) a second device ~~for~~ capable of receiving the first short-range radio signal and generating a second short-range radio signal to communicating with the first device responsive to receiving the message and comparing the first identification symbol to a second identification symbol,

wherein the second device is capable of communicating with a wide area network by cellular signals. stored in the second device.

2) (presently amended) ~~The system of claim 1,~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal having a first identification symbol responsive to a user input; and,

a second device capable of communicating with the first device responsive to receiving the short-range radio signal and comparing the first identification symbol to a second identification symbol stored in the second device,

wherein the first device includes an error detection software component capable of ~~for~~ indicating an erroneously input identification symbol.

3) (presently amended) ~~The system of claim 1,~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal having a first identification symbol responsive to a user input; and,

a second device capable of communicating with the first device responsive to receiving the short-range radio signal and comparing the first identification symbol to a second identification symbol stored in the second device,

wherein the first device includes an error correction software component capable of ~~for~~ correcting an erroneously input identification symbol.

4) (presently amended) A system for forming a short distance wireless network, comprising:
(a) a first device capable of for generating a first short-range radio signal responsive to receiving a including pairing message and an identification symbol; and,

(b) a second device capable of for receiving the first short-range radio signal and generating a second short-range radio signal responsive to the second device generating a first cellular signal including the identification symbol and receiving a second cellular signal including a pairing message containing the identification symbol and communicating with the first device responsive to the short-range radio signal.

5) (original) The system of claim 4, wherein the pairing message is received from the Internet.

6) (original) The system of claim 4, wherein the pairing message is received from a Short Message Service ("SMS").

7) (presently amended) The system of claim 4, wherein the pairing message is received from a wide area network ~~Wide Area Network ("WAN")~~.

8) (presently amended) ~~The system of claim 4;~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal responsive to receiving a pairing message; and,

a second device capable of generating a short-range radio signal including a first identification symbol,

wherein the pairing message includes ~~an~~ a second identification symbol, and a device name;
wherein the first and second devices communicate responsive to the pairing message and the first identification symbol.

9) (presently amended) The system of claim 4, wherein the pairing message includes a confirmation message ~~a second identification symbol and the first device compares the second identification symbol to the first identification symbol from the second device.~~

10) (presently amended) The system of claim 9, wherein the first device is capable of receiving a remove message and preventing for preventing communication between the first device and the second devices.

11) (presently amended) The system of claim 10, further comprising:
(a) a processing device, in ~~the~~ a wide area network, capable of for generating the pairing message responsive to a user input.

12) (original) The system of claim 11, wherein the processing device is a telecommunication provider processing device.

13) (original) The system of claim 11, wherein the processing device is a seller processing device.

14) (original) The system of claim 11, wherein the processing device is a processing device of a user of the second device.

15) (presently amended) ~~The system of claim 11,~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal responsive to receiving a pairing message including a first identification symbol; and,

a second device capable of generating a short-range radio signal including a second identification symbol, wherein the first and second devices communicate responsive to a comparison by the first device of the first identification symbol and the second identification symbol, and,

a processing device, in a wide area network, capable of generating the pairing message responsive to a user input,

wherein the first device is capable of receiving a remove message and preventing communication between the first and second devices,

wherein the user input is selected from the group consisting of ~~a user~~ the first identification symbol, the a device name, a device manufacturer and a device model.

16) (presently amended) ~~The system of claim 14,~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal responsive to receiving a pairing message including a first identification symbol;

a second device capable of generating a short-range radio signal including a second identification symbol, wherein the first and second devices communicate responsive to a comparison by the first device of the first identification symbol and the second identification symbol, and,

a processing device, in a wide area network, capable of generating the pairing message responsive to a user input, wherein the processing device is a computer of a user of the second device, wherein the processing device is a computer and the user input is a ~~the first second device~~ identification symbol input to a web site in the wide area network,

wherein the first device is capable of receiving a remove message and preventing communication between the first device and the second device.

17) (presently amended) ~~The system of claim 4,~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal responsive to receiving a pairing message; and,

a second device capable of generating a short-range radio signal including a first identification symbol,

wherein the first and second devices communicate responsive to the pairing message and the first identification symbol,

wherein the second device is selected from a group consisting of a desktop computer, a laptop computer, a personal digital assistant, a headset, a pager, a printer, a watch, and a digital camera ~~and an equivalent.~~

18) (presently amended) ~~The system of claim 4,~~ A system for forming a short distance wireless network, comprising:

a first device, ~~wherein the first device includes~~ including a short-range radio processor and a 2.4 GHZ transceiver, capable of generating a short-range radio signal responsive to receiving a pairing message; and,

a second device capable of generating a short-range radio signal including a first identification symbol,

wherein the first and second devices communicate responsive to the pairing message and the first identification symbol.

19) (presently amended) ~~The system of claim 4,~~ A system for forming a short distance wireless network, comprising:

a first device, ~~wherein the first device includes~~ including a short-range radio processor and a 5.7 GHZ transceiver, capable of generating a short-range radio signal responsive to receiving a pairing message; and,

a second device capable of generating a short-range radio signal including a first identification symbol,

wherein the first and second devices communicate responsive to the pairing message and the first identification symbol.

92 20) (presently amended) ~~The system of claim 4,~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal responsive to receiving a pairing message; and,

a second device, ~~wherein the second device includes~~ including a short-range radio processor and a 2.4 GHZ transceiver, capable of generating a short-range radio signal including a first identification symbol,

wherein the first and second devices communicate responsive to the pairing message and the first identification symbol.

21) (presently amended) ~~The system of claim 4,~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal responsive to receiving a pairing message and,

a second device, ~~wherein the second device includes~~ including a short-range radio processor and a 5.7 GHZ transceiver, capable of generating a short-range radio signal including a first identification symbol,

wherein the first and second devices communicate responsive to the pairing message and the first identification symbol.

22) (original) The system of claim 4, wherein the pairing message is encrypted.

23) (presently amended) ~~The system of claim 8,~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal responsive to receiving a pairing message; and,

a second device capable of generating a short-range radio signal including a first identification symbol, wherein the first identification symbol is verified by the second device.

wherein the first and second devices communicate responsive to the pairing message and the first identification symbol.

24) (presently amended) ~~The system of claim 7,~~ A system for forming a short distance wireless network, comprising:

a first device capable of generating a short-range radio signal responsive to receiving a pairing message from a wide area network; and,

a second device capable of generating a short-range radio signal including a first identification symbol, wherein the first identification symbol is corrected by the second device.

wherein the first and second devices communicate responsive to the pairing message and the first identification symbol.

25) (original) The system of claim 4, wherein the pairing message includes a digital signature.

26) (presently amended) A system for forming a short distance wireless network, comprising:

(a) a first device, having a display, ~~for~~ capable of generating a short-range radio signal responsive to a user inputting an identification symbol, wherein a ~~the~~ user is notified of an invalid identification symbol responsive to detecting an error in the identification symbol; and,

(b) a second device capable of ~~for~~ communicating with the first device responsive to the short-range radio signal and capable of communicating with a wide area network by cellular signals.

27) (presently amended) ~~The system of claim 26,~~ A system for forming a short distance wireless network, comprising:

a first device, having a display, capable of generating a short-range radio signal responsive to a user inputting an identification symbol, wherein the user is notified of an invalid identification symbol responsive to detecting an error in the identification symbol wherein the first device corrects the invalid identification symbol; and,

a second device capable of communicating with the first device responsive to the short-range radio signal.

28) (presently amended) ~~The system of claim 26,~~ A system for forming a short distance wireless network, comprising:

a first device, having a display, capable of generating a short-range radio signal responsive to a user inputting an identification symbol, wherein the user is notified of an invalid identification symbol responsive to detecting an error in the identification symbol wherein the first device includes a checksum software component and reed-solomon software component; and,

a second device capable of communicating with the first device responsive to the short-range radio signal.

29) (presently amended) ~~The system of claim 26,~~ A system for forming a short distance wireless network, comprising:

a first device, having a display, capable of generating a short-range radio signal responsive to a user inputting an identification symbol, wherein the user is notified of an invalid identification symbol responsive to detecting an error in the identification symbol; and,

wherein the second device is a headset capable of communicating with the first device responsive to the short-range radio signal.

30) (presently amended) ~~The system of claim 26,~~ A system for forming a short distance wireless network, comprising:

a first device, having a display, capable of generating a short-range radio signal responsive to a user inputting an identification symbol, wherein the user is notified of an invalid identification symbol responsive to detecting an error in the identification symbol; and,

wherein the second device is a watch capable of communicating with the first device responsive to the short-range radio signal.

31) (presently amended) ~~The system of claim 26,~~ A system for forming a short distance wireless network, comprising:

a first device, wherein the first device includes having a short-range radio processor, and a 2.4 GHZ transceiver and a display, capable of generating a short-range radio signal responsive to a user

inputting an identification symbol, wherein the user is notified of an invalid identification symbol responsive to detecting an error in the identification symbol; and,

a second device capable of communicating with the first device responsive to the short-range radio signal.

32) (presently amended) ~~The system of claim 26,~~ A system for forming a short distance wireless network, comprising:

a first device, ~~wherein the first device includes~~ having a short-range radio processor, and a 5.7 GHZ transceiver and a display, capable of generating a short-range radio signal responsive to a user inputting an identification symbol, wherein the user is notified of an invalid identification symbol responsive to detecting an error in the identification symbol; and,

a second device capable of communicating with the first device responsive to the short-range radio signal.

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33) (presently amended) ~~The system of claim 26,~~ A system for forming a short distance wireless network, comprising:

a first device, having a display, capable of generating a short-range radio signal responsive to a user inputting an identification symbol, wherein the user is notified of an invalid identification symbol responsive to detecting an error in the identification symbol; and,

a second device, ~~wherein the second device includes~~ having a short-range radio processor and a 2.4 GHZ transceiver, capable of communicating with the first device responsive to the short-range radio signal.

34) (presently amended) ~~The system of claim 26,~~ A system for forming a short distance wireless network, comprising:

a first device, having a display, capable of generating a short-range radio signal responsive to a user inputting an identification symbol, wherein the user is notified of an invalid identification symbol responsive to detecting an error in the identification symbol; and,

a second device, ~~wherein the second device includes~~ having a short-range radio processor and a 5.7 GHZ transceiver, capable of communicating with the first device responsive to the short-range radio signal.

35) (presently amended) A method for adding a first device to a short distance wireless network having a second device, comprising the steps of:

- (a) providing an identification symbol to the first device;
- (b) generating a short-range radio signal containing the identification symbol to the second device from the first device; and,
- (c) forming a short-range radio communication channel between the first device and the second device responsive to the identification symbol; and,
- forming a cellular communication channel between the second device and a wide area network.

36) (presently amended) The method of claim 35, further comprising the steps of:

- (d) providing a pairing message to the second device and forming a short-range radio communication channel responsive to the pairing message.

37) (original) The method of claim 36, wherein the pairing message is provided by the Internet.

38) (presently amended) ~~The method of claim 36,~~ A method for adding a first device to a short distance wireless network having a second device, comprising the steps of:

- providing an identification symbol to the first device;
- generating a short-range radio signal containing the identification symbol to the second device from the first device;
- providing a pairing message to the second device;
- forming a communication channel between the first device and the second device responsive to the identification symbol and the pairing message; and,

wherein the pairing message is generated in response to a user input at a web page.

39) (original) The method of claim 36, wherein the pairing message is generated in response to a user input at a telephone.

40) (presently amended) The method of claim 35, further comprising the steps of:

- (d) detecting an error in the personal identification symbol; and,
- (e) notifying a user of ~~the validity~~ an invalidity of the personal identification symbol.

41) (presently amended) ~~The method of claim 35, further comprising the steps of:~~ A method for adding a first device to a short distance wireless network having a second device, comprising the steps of:

providing an identification symbol to the first device;

generating a short-range radio signal containing the identification symbol to the second device from the first device;

forming a short-range radio communication channel between the first device and the second device responsive the identification symbol; and,

(d) correcting an error in the personal identification symbol.

42) (presently amended) An article of manufacture, including a computer readable medium, comprising:

(a) a short-range radio software component for generating a short-range radio signal in a short distance wireless network; and,

a cellular software component for generating cellular signals in a wide area network; and,

(b) a pairing software component for adding a device to the short distance wireless network in response to a an identification symbol pairing message.

43) (new) The article of manufacture of claim 42, further comprising:
a software component for decrypting a pairing message.

44) (new) The article of manufacture of claim 42, further comprising:
a software component for detecting an erroneously entered identification symbol.

45) (new) The article of manufacture of claim 44, wherein the software component for detecting an erroneously entered identification symbol includes a software component for correcting the erroneously entered identification symbol.